

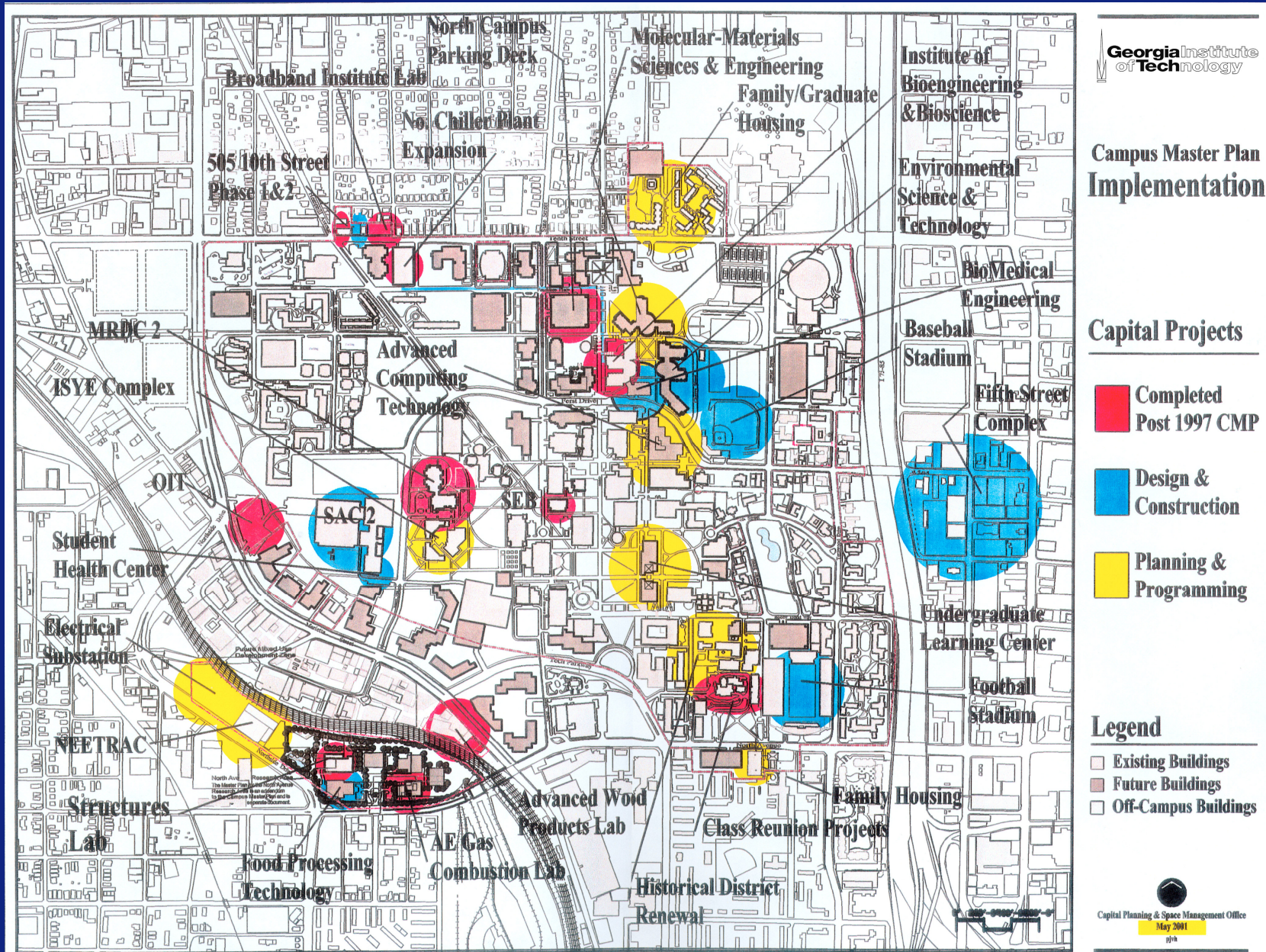
Creating an Enhanced Environment for Electrical and Computer Engineering

President G. Wayne Clough

Georgia Tech ECE Advisory Board

October 4, 2002

Campus Master Plan



Creating an IT cluster

Advanced Clean
Room site

IBB and BME

Klaus Advanced
Computing Bldg

College of
Computing

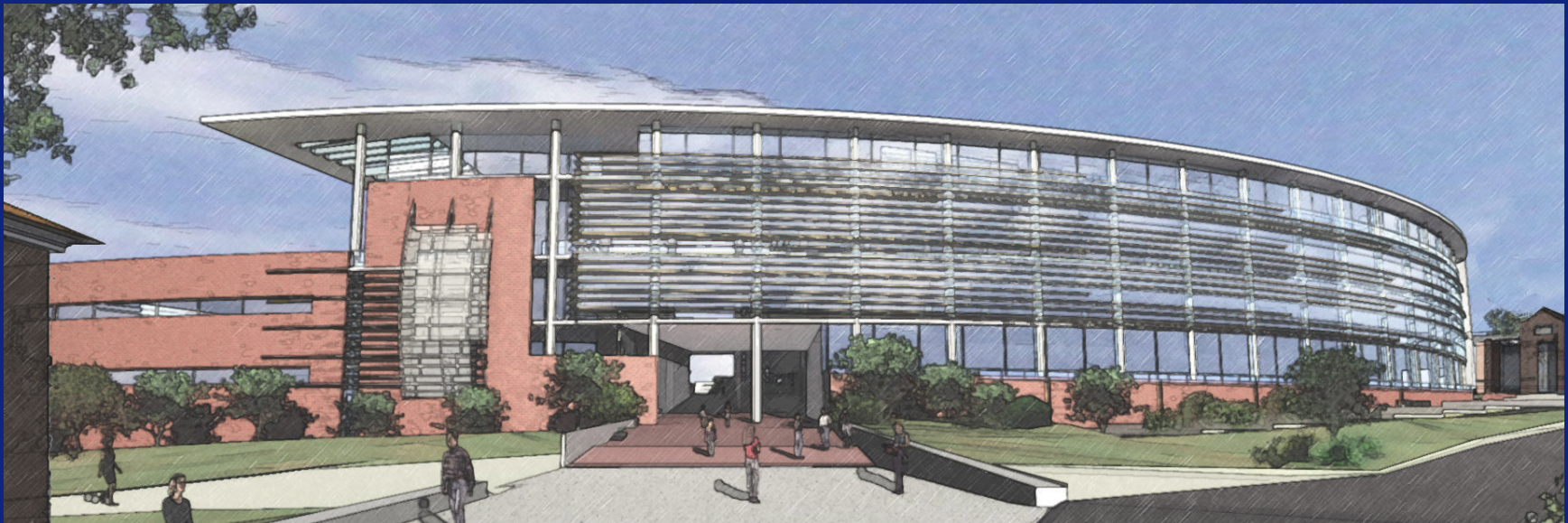
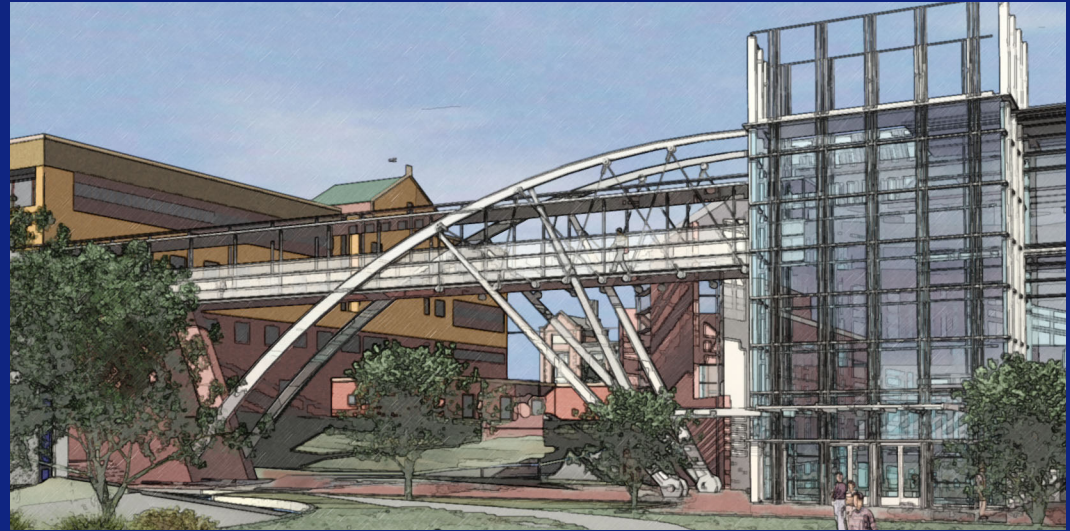
Microelectronics
Research Center

Electrical and
Computer
Engineering



Klaus Advanced Computing Building

- \$63 million
- 200,000 GSF



Advanced Clean Room Building

- \$80 million facility
- Class 10, 100 and 1,000 clean rooms*
- Electronics
- Nano-science and engineering
- Pharmaceuticals and medical devices
- Micro- and nano- material and electrical devices



* **Particles per cubic foot (Humans emit 600,000 particles per minute from skin, hair and breath.)**

Creating the South's Premier Center for Nano-electronics

- Advanced Clean Room Building
- Electron-beam Nano-lithography System
 - Define very tiny features at the nano-level
 - Georgia Research Alliance has contributed \$2 million

Technology Square and Centergy



Technology Square Research Building and ATDC

